

REMGRAPH II



With the Remgraph II, remote graphics and raster plotting capabilities are expanded to fit your logistic needs. If you have a field office, for example, that requires up to the minute seismic plots and the data base computer is hundreds of miles away, what do you do?

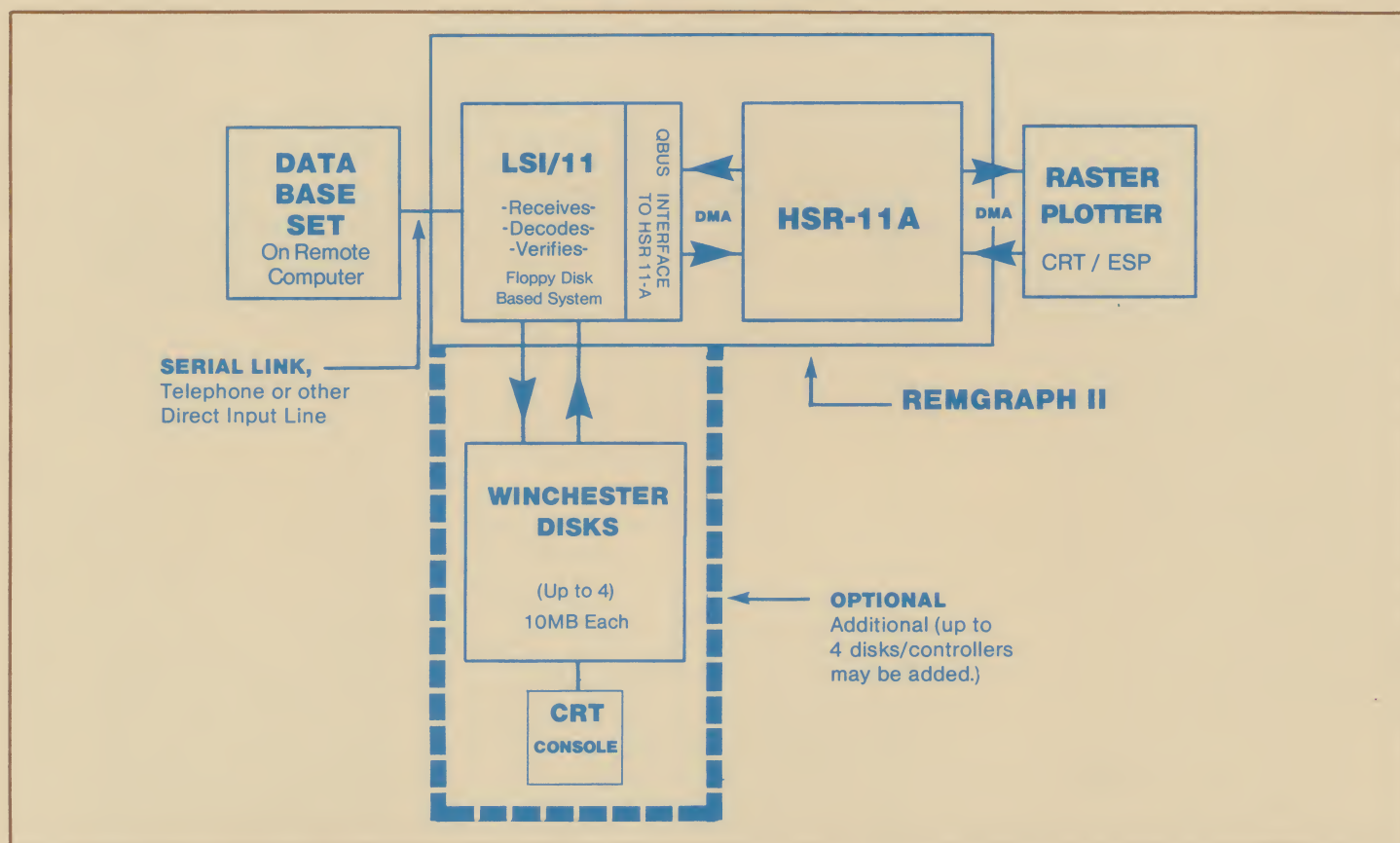
Simple. Install the Remgraph II in your field office through a serial link, or direct line (such as a telephone) hook-up and you are generating the plots you need without undue delay or unnecessary high priority job commands to the data base computer.

The Remgraph II communicates through serial link (Standard to RS232 Serial Link) and receives data over that link, intact, with excellent and accurate data integrity.

After the LSI-11 has received, decoded, and verified the data, it is passed on to an HSR 11-A which drives the electrostatic (or any raster) plotter.

With optional disk storage, extract and plot files at will; delete or accumulate files, receive new data in background while simultaneously plotting in foreground; you can do it all, and more, in remote status with Logic Sciences' Remgraph II.

REMGRAPH II



REMGRAPH II LEVELS

- 1) LSI/11 receives, decodes and verifies input data and passes it directly to the HSR 11-A.
- 2) Same as in Level 1 with the addition of buffering data files to disks in background and operator console controls for transfer of buffered plot files to HSR 11-A (Multiple plots/and fast feed of data to HSR 11-A)
- 3) Same as in Level 2 with the addition of OPS-11 plotting package executed by LSI-11 MC. Gives local (at Remgraph II Station) plot parameter control (by scale/gain, etc.,) and data is now optionally seismic trace format.

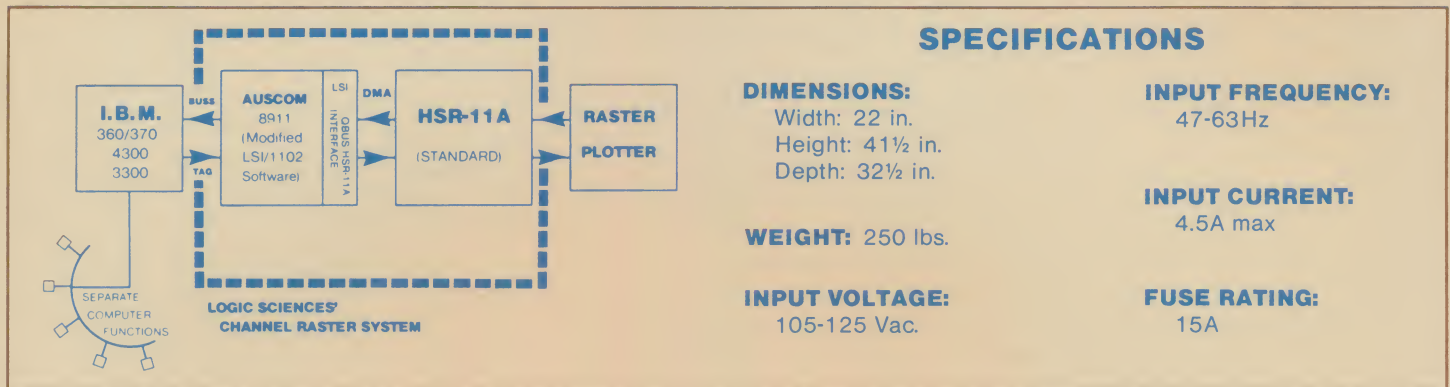
CHANNEL RASTER SYSTEM



Now, your I.B.M. 360, 370 series, 4300, or 3300 series can raster faster! Just load a mini-cassette tape into this programmable operating system and you'll have the flexibility to communicate with both the HSR 11-A, under full program control, and the I.B.M. computer.

- Maximize your I.B.M.'s on-line raster graphics output capability!
- Rapid Rastering capability allows I.B.M. to execute several functions without high-priority assignments for generating rasters.
- Smooth out-put.
- High-Quality Rastering with any raster data input large or small.
- Seismic or any general purpose vector graphics applications.

LOGIC SCIENCES CHANNEL RASTER SYSTEM



USER SLOT SPECIFICATIONS:

For additional HSR 11-A's; 7 double-height or 3 quad-height slots LSI-11 bus available at A-B and C-D slots.

BACKPLANE POWER:

Available to user; 5 Vdc 9.5A max
12 Vdc 2A max

BUSLOAD CAPACITY:

15 AC Busloads (as defined by DEC)
16 DC Busloads (as defined by DEC)

BUS PIN ASSIGNMENTS:

The LSI-11 bus in the 8911 function does not use any unassigned, unimplemented or spare pins.

STANDARD CONFIGURATIONS (CHANNEL INTERFACE)

8911 CONFIGURATIONS

CPU: LSI-11/2

Memory: 32K Bytes RAM (MXVII Module)

Serial Lines: Two serial lines (MXV 11 module): 1) Console port (rear panel) 2) Tape Cartridge Drive

Tape Drive: TU-58 data cartridge drive (256K Byte capacity)

Channel Interface: Auscom Model 8900
Channel Interface Module 8010
Driver/Receive Module.

Rear Panel Connectors: Hook Up to I.B.M. AC power connector RS-232-C' connector (Support for data leads only) IBM 40-pin (serpent contact) connectors for Tag and Bus In and Tag and Bus Out (IBM Bus extension feature not supported)

HSR 11-A'S CONFIGURATIONS

Power: 110V at 60 Hz
230V at 50 Hz

Memory: 128K bytes of raster memory
8K bytes of timing line memory

Memory: 64 character Alphanumeric ROM

Optional Memory: 128K byte increments to a maximum of 4 megabytes.

Input: Trace sequential data. sectorized X, Y vectors, alphanumeric characters and rastered data.

Output: Raster scan lines to drive an attached electrostatic plotter, CRT, or laser plotter.

OPTIONAL

CPU: LSI-11/23

Memory: Expansion memories available up to 248K Bytes in increments 32K Bytes.

Other Options: A wide selection of other LSI-11 interfaces.